not only a <u>recording</u> method which enables stable continuous <u>recording</u> without

being affected by the existence of many defective areas on an information storage medium but also an information <u>recording</u> and reproducing device which

uses the <u>recording</u> method. There is further provided an information storage medium (as well as the data structure of the information recorded on the medium) on which information has been recorded in the most suitable form for the stable continuous **recording**.

Detailed Description Text - DETX (905):

Furthermore, there is provided an environment setting method (specifically, a video information <u>recording</u>/reproducing/editing system) which assures stable video information management without imposing a burden on the <u>recording</u>/reproducing application software layer (or without causing the <u>recording</u>/reproducing application software layer to perform defect management),

even when many defective areas are present on the information storage medium.

Detailed Description Text - DETX (907):

The present invention is applicable to an information storage medium, such as an optical disk, its data structure, an information **recording** method, an information **recording** device, and a playback device.

Detailed Description Paragraph Equation - DEEQ (1): (the amount of light in **recording**)>(the amount of light in deleting)>(the amount of light in reproducing) (1)

Detailed Description Paragraph Equation - DEEQ (2): (the amount of light in <u>recording</u>).apprxeq.(the amount of light in deleting)>(the amount of light in reproducing) (2)

Detailed Description Paragraph Table - DETL (1):

TABLE 1 LIST OF FUNCTIONS (EFFECTS OF EMBODIMENTS OF THE PRESENT

INVENTION) NECESSARY IN $\underline{\text{RECORDING}}$ AND REPRODUCING VIDEO INFORMATION (LIST OF

EFFECTS PRODUCED BY VIDEO INFORMATION RECORDING AND

				· · · · · · · · · · · · · · · · · · ·
L Number	Hits	Search Text	DB	Time stamp
1	61594	707/\$.ccls. or 714/\$.ccls.	USPAT;	2004/03/09 13:26
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	440	(707/0 1 744/0 - 1)	IBM_TDB	2004/02/00 42:40
2	140	(707/\$.ccls. or 714/\$.ccls.) and replacement near2 (processing	USPAT;	2004/03/09 13:40
		or sectors!)	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM_TDB	
3	22	((707/\$.ccls. or 714/\$.ccls.) and replacement near2	USPAT;	2004/03/09 13:41
	22	(processing or sectors!)) and (PC! and AV!) and error\$5	US-PGPUB;	2004/03/03 13.41
		processing or decicro. () and (i o. and iii) and one if o	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
4	22	(((707/\$.ccls. or 714/\$.ccls.) and replacement near2	USPAT;	2004/03/09 13:30
		(processing or sectors!)) and (PC! and AV!) and error\$5) and	US-PGPUB:	
		sectors!	EPO; JPO;	
			DERWENT:	
			IBM_TDB	
5	22	(((707/\$.ccls. or 714/\$.ccls.) and replacement near2	USPAT;	2004/03/09 13:30
		(processing or sectors!)) and (PC! and AV!) and error\$5) and	US-PGPUB;	
		sectors! and area	EPO; JPO;	
			DERWENT;	
		<u>.</u>	IBM_TDB	
6	11	((((707/\$.ccls. or 714/\$.ccls.) and replacement near2	USPAT;	2004/03/09 13:30
		(processing or sectors!)) and (PC! and AV!) and error\$5) and	US-PGPUB;	
		sectors! and area) and driver	EPO; JPO;	
			DERWENT;	
-	49	(707/6 colo en 744/6 colo) and replacement and content and	IBM_TDB	0004/00/00 40:45
7	49	(707/\$.ccls. or 714/\$.ccls.) and replacement and sectors! and driver and error\$5 and (ECC or (error adj correction adj code))	USPAT;	2004/03/09 13:45
		driver and entities and (ECC or (entit adj correction adj code))	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM_TDB	
8	11	((707/\$.ccls. or 714/\$.ccls.) and replacement and sectors! and	USPAT;	2004/03/09 13:43
		driver and error\$5 and (ECC or (error adj correction adj	US-PGPUB;	200 1100100 10:10
		code))) and (PC! and AV!) adj (mode or file or data or	EPO; JPO;	
		application)	DERWENT;	
			IBM_TDB	
9	26	(707/\$.ccls. or 714/\$.ccls.) and (PC! and AV!) adj (mode or file	USPAT;	2004/03/09 13:44
		or data or application)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
10	_	//707/0 asia as 744/0 sala) as 1/201 a 1/4/0 asia	IBM_TDB	0004/00/22 12 11
10	0	((707/\$.ccls. or 714/\$.ccls.) and (PC! and AV!) adj (mode or	USPAT;	2004/03/09 13:44
		file or data or application)) and (PC! and AV!) adj (mode and file)	US-PGPUB;	
		i iie)	EPO; JPO;	
			DERWENT;	
11	19	((707/\$.ccls. or 714/\$.ccls.) and (PC! and AV!) adj (mode or	IBM_TDB USPAT;	2004/03/09 13:44
' '	19	file or data or application)) and (PC! and AV!) adj (file)	US-PGPUB;	2004/03/08 13:44
		and 5. said of approalising and (i of and Av.) adj (ilie)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
12	19	(((707/\$.ccls. or 714/\$.ccls.) and (PC! and AV!) adj (mode or	USPAT;	2004/03/09 13:46
		file or data or application)) and (PC! and AV!) adj (file)) and	US-PGPUB;	
		(replace\$5 same sectors!) and (ECC or (error adj correction	EPO; JPO;	
		adj code))	DERWENT;	
			IBM_TDB	
13	19	(((707/\$.ccls. or 714/\$.ccls.) and (PC! and AV!) adj (mode or	USPAT;	2004/03/09 13:46
		file or data or application)) and (PC! and AV!) adj (file)) and	US-PGPUB;	
	•	(replace\$5 with sectors!) and (ECC or (error adj correction adj	EPO; JPO;	
		code))	DERWENT;	
L	_		IBM_TDB	

. 14	19	(((((707/\$.ccls. or 714/\$.ccls.) and (PC! and AV!) adj (mode or	USPAT;	2004/03/09 13:47
†		file or data or application)) and (PC! and AV!) adj (file)) and	US-PGPUB;	
		(replace\$5 with sectors!) and (ECC or (error adj correction adj	EPO; JPO;	
		code))) and (sector_same (ECC or (error adj correction adj	DERWENT;	·
		code)))	IBM_TDB	
15	19	(((((707/\$.ccls. or 714/\$.ccls.) and (PC! and AV!) adj (mode or	USPAT;	2004/03/09 13:52
		file or data or application)) and (PC! and AV!) adj (file)) and	US-PGPUB;	
		(replace\$5 with sectors!) and (ECC or (error adj correction adj	EPO; JPO;	
		code))) and (sectors! same (ECC or (error adj correction adj	DERWENT;	
		code)))	IBM_TDB	
16	11	(((((707/\$.ccls. or 714/\$.ccls.) and (PC! and AV!) adj (mode or	USPAT;	2004/03/09 13:51
'		file or data or application)) and (PC! and AV!) adj (file)) and	US-PGPUB;	
		(replace\$5 with sectors!) and (ECC or (error adj correction adj	EPO; JPO;	
		code))) and (sectors! same (ECC or (error adj correction adj	DERWENT;	
		code)))) and file adj type	IBM_TDB	
17	11	((((((707/\$.ccls. or 714/\$.ccls.) and (PC! and AV!) adj (mode or	USPAT;	2004/03/09 13:51
		file or data or application)) and (PC! and AV!) adj (file)) and	US-PGPUB;	
		(replace\$5 with sectors!) and (ECC or (error adj correction adj	EPO: JPO:	
		code))) and (sectors! same (ECC or (error adj correction adj	DERWENT;	
		code)))) and type	IBM_TDB '	
18	391	(707/\$.ccls. or 714/\$.ccls.) and (sectors! same (ECC or (error	USPAT;	2004/03/09 14:06
		adj correction adj code)))	US-PGPUB;	
		, ""	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
19	251	((707/\$.ccls. or 714/\$.ccls.) and (sectors! same (ECC or	USPAT;	2004/03/09 13:52
		(error adj correction adj code)))) and area	US-PGPUB;	
		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
20	54	((707/\$.ccls. or 714/\$.ccls.) and (sectors! same (ECC or	USPAT;	2004/03/09 13:52
		(error adj correction adj code)))) and area and unit and driver	US-PGPUB;	
		•	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
21	0	((707/\$.ccls. or 714/\$.ccls.) and (sectors! same (ECC or	USPAT;	2004/03/09 13:53
		(error adj correction adj code)))) and area and (unit near2	US-PGPUB;	
		driver)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
22	65	((707/\$.ccls. or 714/\$.ccls.) and (sectors! same (ECC or	USPAT;	2004/03/09 13:53
		(error adj correction adj code)))) and area and driver	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		(//=0=/4) = = (IBM_TDB	
23	31	(((707/\$.ccls. or 714/\$.ccls.) and (sectors! same (ECC or	USPAT;	2004/03/09 13:56
		(error adj correction adj code)))) and area and driver) and	US-PGPUB;	
		replac\$6 and ((convert\$4 or conversion) with (file or	EPO; JPO;	
		application or data or type))	DERWENT;	,
24	31	////707/\$ cols or 714/\$ cols \ and (application)	IBM_TDB	2004/02/02 12 55
	اد	((((707/\$.ccls. or 714/\$.ccls.) and (sectors! same (ECC or	USPAT;	2004/03/09 13:57
		(error adj correction adj code)))) and area and driver) and replac\$6 and ((convert\$4 or conversion) with (file or	US-PGPUB;	
		application or data or type))) and writ\$4 and (read or reading	EPO; JPO; DERWENT;	
		or reread or rereading)		
25	30	((((707/\$.ccls. or 714/\$.ccls.) and (sectors! same (ECC or	IBM_TDB USPAT;	2004/03/09 13:57
	30	(((17774.cds. of 71474.cds.)) and area and driver) and	US-PGPUB;	200 4 /03/08 13.5/
		replac\$6 and ((convert\$4 or conversion) with (file or	EPO; JPO;	
		application or data or type))) and writ\$4 same (read or reading	DERWENT;	
		or reread or rereading)	IBM_TDB	
26	21	(((((707/\$.ccls. or 714/\$.ccls.) and (sectors! same (ECC or	USPAT;	2004/03/09 14:01
	- '	(error adj correction adj code)))) and area and driver) and	US-PGPUB;	2007/00/03 14.01
		replac\$6 and ((convert\$4 or conversion) with (file or	EPO; JPO;	
		application or data or type))) and writ\$4 same (read or reading	DERWENT;	
		or reread or rereading)) and error adj occur\$6	IBM_TDB	
	ـــــــــــــــــــــــــــــــــــــ	σ,// und offer day σοσαίψο	.5155	L

07,708,768,805.ccls.	USPAT:	2004/03/09 14:00
		2004/00/05 14:00
	US-PGPUB;	
	·	
307,708,768,805.ccls. and error adj occur\$6	USPAT;	2004/03/09 14:01
•	US-PGPUB;	}
	EPO; JPO;	
007 700 700 005 1 1 1 100		0004/00/00 44 00
		2004/03/09 14:02
error		
	IBM TDB	
,807,708,768,805.ccls. and error adj occur\$6) and	USPAT;	2004/03/09 14:04
error) and replac\$6	US-PGPUB;	
807 708 768 805 cols, and error adj occur\$6) and	_	2004/03/09 14:04
		2004/03/09 14:04
51101) dila 111710.000.		
	DERWENT;	
	IBM_TDB	
	USPAT;	2004/03/09 14:06
adj correction adj code)))		
	807,708,768,805.ccls. and error adj occur\$6) and error 9,807,708,768,805.ccls. and error adj occur\$6) and error) and replac\$6 9,807,708,768,805.ccls. and error adj occur\$6) and error) and 714/710.ccls. 0,807,708,768,805.ccls. and error adj occur\$6) and error) and 714/710.ccls. 0,807,708,768,805.ccls. and error adj occur\$6) and error) and 714/710.ccls.) and (sectors! same (ECC adj correction adj code)))	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; EPO; JPO;